





Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/841,951		
		Filing Date	April 25, 2001		
		First Named Inventor	Smith, A.B., III		
		Group Art Unit	TBA		
		Examiner Name	TBA		
Sheet	2	of	3	Attorney Docket Number	4730-103 US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JE	D	Hess, D.B et al., "Readily Accessible 12-I-5(superscript 1) Oxidant for the Conversion of Primary and Secondary Alcohols to Aldehydes and Ketones" J. Org. Chem. 1983, 48, 4155-4156	
	E	Ireland Robert E., et al., "An Improved Procedure for the preparation of the Dess-Martin Periodinane"; J. Org. Chem. 1993, 58, 2899	
	F	Look, Gary C. et al., "Trimethylorthoformate: A Mild and Effective Dehydrating Reagent for Solution and Solid Phase Imine Formation." Tetrahedron Letters, Vol. 36, No. 17, pp. 2937-2940, 1995	
	G	Smith, Amos B. et al., "Design and Synthesis of a Competent Pyrrolinone-Peptide Hybrid Ligand for the Class II Major Histocompatibility Complex Protein HLA-DR1", J. Am. Chem. Soc. 1999, 121, 9286-9298	
	H	Thompson, Wayne J. et al., "Synthesis and Antiviral Activity of a Series of HIV-1 Protease Inhibitors with Functionality Tethered to the P(subscript 1) or P(subscript 1 accent) Phenyl Substituents: X-ray Crystal Structure Assisted Design", J. Med. Chem. 1992, 35, 1685-1701	
	I	Smith, Amos B. III et al. "Design, Synthesis, and Evaluation of a Pyrrolinone-Peptide Hybrid Ligand for the Class II MHC protein HLA-DR1" J. Am. Chem. Soc. 1998, 120, 12704-12705	
	J	R. Hirschmann et al., "Some Interactions of Macromolecules with Low Molecular Weight Ligands. Recent Advances in Peptidomimetic Research", New Perspectives in Drug Design, Academic Press, 1995	
	K	Smith, Amos B. III, et al., "An Orally Bioavailable Pyrrolinone Inhibitor of HIV-1 Protease: Computational Analysis and X-ray Crystal Structure of the Enzyme Complex", J. Med. Chem. 1997, 40, 2440-2444	
	L	Smith, Amos, III, et al., "Pyrrolinone-Based HIV Protease Inhibitors. Design, Synthesis, and Antiviral Activity: Evidence for Improved Transport", J. Am. Chem. Soc., Vol. 117, No. 1995	
	M	Smith, Amos B. III, et al., "Design and Synthesis of Peptidomimetic Inhibitors of HIV-1 Protease and Renin. Evidence for Improved Transport", Journal of Medicinal Chemistry, 1994, Vol. 37, No. 2, 215-218	
	N	Smith, Amos B. III, et al., "Molecular Modeling, Synthesis, and Structures of N-Methylated 3,5-Linked Pyrrolin-4-ones Toward the Creation of a Privileged Nonpeptide Scaffold", Bioorganic & Medicinal Chemistry 7 (1999) 9-22	

Examiner Signature		Date Considered	11/15/03
--------------------	--	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

Application Number	09/841,951
Filing Date	04/25/01
First Named Inventor	Smith, A.B., III
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	4730-103 US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JE	0	Smith, Amos B., III, et al., "De Novo Design, Synthesis, and X-ray Crystal Structures of Pyrrolinone-Based B-Strand Peptidomimetics", J. Am. Chem. Soc., Vol. 116, No. 22, 1994 pp. 9947-9962	
	P	Smith, Amos B., III, et al., Design, Synthesis, and Crystal Structure of a Pyrrolinone-Based Peptidomimetic Possessing the Conformation of a B-Strand: Potential Application to the Design of Novel Inhibitors of Proteolytic Enzymes", J. Am. Chem. Soc., Vol. 114, No. 26, 1992 pp. 10672 - 10674	
	Q	DeWitt, Sheila H. et al., "Combinatorial Organic Synthesis Using Parke-Davis's DIVERSOMER Method", Acc. Chem. Res. 1996, 29, 114-122	
	R	Thompson, et. al., "Synthesis and Applications of Small Molecule Libraries", Chem. Rev. 1996, 96, 555-600	
	S	Fruchtel, Jorg S., et al., "Organic Chemistry on Solid Supports", Angew. Chem. Int. Ed. Engl. 1996, 35, 17-42	
	T	Atherton, E. et al., "Solid Phase Peptide Synthesis, a Practical Approach" 1989 pp 14 - 23	
	U	Obrecht, D. et al., "Solid-Supported Combinatorial and Parallel Synthesis of Small-Molecular-Weight Compound Libraries", 1998, pp 85 - 101	

Examiner Signature		Date Considered	11/15/03
-----------------------	--	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.